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SEP 27 2007

**IN THE CLAIMS:**

1. (currently amended) A method for securing network-connected resources, the method comprising:
  - at a first network-connected node, receiving an unencrypted electronically formatted job;
  - receiving CK, a symmetrical encryption key (K) encrypted using an asymmetrical encryption public key (pubK);
  - receiving CH, a hash (H) of the job, further encrypted using K;
  - receiving a selection command for a particular one of a plurality of encrypted resources;
  - decrypting CK using an asymmetrical encryption private key (privK), corresponding to pubK, to recover K;
  - hashing the job, generating H';
  - using K to validate CH;
  - in response to validating CH, decrypting an encrypted resource using K; [[and,]]
  - using the decrypted resource to process the job;
  - wherein receiving a selection command for a particular one of a plurality of encrypted resources includes receiving CK<sub>i</sub>, where  $1 \leq i \leq m$ ; and,
  - wherein decrypting the selected resource in response to the encrypted resource selection command includes decrypting CK<sub>i</sub> to recover one of symmetrical encryption keys K<sub>1</sub> through K<sub>m</sub>, where K<sub>1</sub> through K<sub>m</sub> correspond to encrypted resources CR<sub>1</sub> through CR<sub>m</sub>.

2. (currently amended) The method of claim 1 wherein using  $K_i$  to validate  $CH_i$  as follows includes:  
encrypting  $H'$  using  $K_i$ , obtaining  $CH_i'$ ; and,  
matching  $CH_i$  to  $CH_i'$ .

3. (currently amended) The method of claim 1 wherein using  $K_i$  to validate  $CH_i$  as follows includes:  
decrypting  $CH_i$  using  $K_i$ , generating  $H$ ; and,  
comparing  $H$  to  $H'$ .

4. (currently amended) The method of claim 1 further comprising:  
prior to receiving the job,  $CK_i$ , and  $CH_i$ , receiving the encrypted resource; and,  
storing the encrypted resource.

5. (currently amended) The method of claim 4 further comprising:  
installing  $pubK$   $[[,]]$  and  $privK$  upon initialization.

6. (previously presented) The method of claim 1 wherein receiving the unencrypted electronically formatted job includes receiving a print job in a format selected from the group including text and image formats.

7. (original) The method of claim 4 wherein storing the encrypted resource includes storing an encrypted font resource; and,

wherein using the decrypted resource to process the job includes printing a print job using the decrypted fonts.

8. (original) The method of claim 7 wherein storing the encrypted font resource includes storing resources selected from the group including a logo, personal signature image, and glyph,

9. (original) The method of claim 4 wherein receiving the encrypted resource includes receiving the encrypted resource in a format selected from the group including hypertext transport protocol (http) and file transport protocol (FTP).

10. (original) The method of claim 1 further comprising:

at a second network-connected node, generating the job;  
encrypting  $K_i$  with  $\text{pub}K$ , generating  $CK_i$ ;  
hashing the job, generating  $H$ ;  
encrypting  $H$  using  $K_i$ , generating  $CH_i$ ; and,  
sending the job,  $CK_i$ , and  $CH_i$  to the first node for job processing.

11-12. canceled

13. (currently amended) The method of claim 1 wherein receiving the unencrypted electronically formatted job includes receiving the job at network-connected node  $N[i]_k$ , where  $1 \leq [i]_k \leq n$ ;

wherein receiving  $CK_i$  includes  $N_i$  receiving  $CK_{ik}$ , where  $CK_{ik}$  is generated by encrypting  $K_i$  using corresponding asymmetrical encryption public key  $pubK[[i]]_k$ ; and,

wherein decrypting  $CK$  includes  $N_i$  decrypting  $CK_{ik}$  using corresponding asymmetrical encryption private key  $privK[[i]]_k$ , to recover  $K_i$ .

14. (currently amended) The method of claim 1 wherein receiving the unencrypted electronically formatted job includes receiving the job at network-connected node  $N[[i]]_k$ , where  $1 \leq [[i]]_k \leq n$ ;

wherein receiving  $CK$  includes  $N_i$  receiving  $CK_{ik}$ , corresponding to symmetrical encryption key  $K_{ik}$ , encrypted using  $pubK[[i]]_k$ ;

wherein receiving  $CH$  includes  $N_i$  receiving  $CH_{ik}$ , a hash of the job encrypted using corresponding symmetrical encryption key  $K_{ik}$ ; and,

wherein decrypting  $CK$  includes  $N_i$  decrypting  $CK_{ik}$  using asymmetrical encryption private key  $privK[[i]]_k$ , to recover corresponding symmetrical encryption key  $K_{ik}$ .

15. (currently amended) The method of claim 14 wherein using  $K$  to validate  $CH$  includes:

$N[[i]]_k$  encrypting  $H'$  using symmetrical encryption key  $K_{ik}$ , obtaining  $CH_{ik}'$ ;

$N[[i]]$  matching  $CH_{ik}$  to corresponding  $CH_{ik}'$ ; and,

wherein decrypting an encrypted resource using K includes  
N[[i]] decrypting the encrypted resource using symmetrical encryption key  
K<sub>ik</sub>.

16. (currently amended) The method of claim 14  
wherein using K to validate CH includes:

N[[i]] decrypting CH<sub>ik</sub> using symmetrical encryption key K<sub>ik</sub>,  
obtaining H;

N<sub>i</sub> comparing H to H'; and,

wherein decrypting an encrypted resource using K includes  
N<sub>i</sub> decrypting the encrypted resource using symmetrical encryption key  
K<sub>ik</sub>.

17. (currently amended) A method for accessing  
network-connected processing resources, the method comprising:

at a second node, generating an unencrypted electronically  
formatted job;

encrypting a symmetrical encryption key K with an  
asymmetrical encryption key (pubK), generating CK;

hashing the job generating H;

encrypting H using K, generating CH;

sending the job, CK, [[and]] CH and a selection command for  
a particular one of a plurality of encrypted resources to a first network-  
connected node; and,

processing the job at the first node using a K encrypted  
resource;

wherein encrypting the symmetrical encryption key K with an asymmetrical encryption key (pubK), generating CK, includes encrypting  $K_i$ , where  $K_1$  through  $K_m$  correspond to encrypted resources  $CR_1$  through  $CR_m$ , with pubK to generate  $CK_i$ ; and,  
wherein sending the selection command for a particular one of a plurality of encrypted resources includes sending  $CK_i$ .

18. (currently amended) A system for using secure network-connected resources, the system comprising:

a first device including:

a network-connected port for receiving an unencrypted electronically formatted job, for receiving CK, a symmetrical encryption key (K) encrypted using an asymmetrical encryption public key (pubK), and for receiving CH, a hash (H) of the job, further encrypted using K;

a hash unit having an interface to accept the job and to supply a hash of the job (H);

a memory having an interface to supply an asymmetrical encryption private key (privK<sub>i</sub>), corresponding to pubK<sub>i</sub>, and an encrypted resource;

a security unit having an interface to authorize access to the encrypted resource in memory, in response to validating CH<sub>i</sub>; [[and,]]

a processing unit having an interface to accept the job and a decrypted resource, and to supply a job processed using the decrypted resource;

wherein the first device network-connected port receives a encrypted resource selection command; and

wherein the decryption unit decrypts  $CK_i$ , where  $1 \leq i \leq m$ , to recover one of symmetrical encryption keys  $K_i$  through  $K_m$ , where  $K_i$  through  $K_m$  correspond to encrypted resources  $CR_i$  through  $CR_m$ .

19. (currently amended) The system of claim 18 further comprising:

a decrypting unit having an interface to accept  $CK$  and  $privK$ , to generate  $K$  in response to decrypting  $CK$  using  $privK$ , to decrypt the encrypted resource from memory using  $K$ , and supply the decrypted resource;

an encryption unit having an interface to accept  $H'$  and  $K_i$ , and supply  $CH_i'$  in response to using  $K_i$  to encrypt  $H'$ ; and,

wherein the security unit accepts  $CH_i$  and  $CH_i'$  and validates  $CH_i$  by matching  $CH_i$  to  $CH_i'$ .

20. (currently amended) The system of claim 18 further comprising:

a decrypting unit having an interface to accept  $CH$ ,  $CK$ , and  $privK$ , to generate  $K$  in response to decrypting  $CK$  using  $privK$ , to supply  $H$  in response to decrypting  $CH$  using  $K$ , and supply the decrypted resource; and,

wherein the security unit accepts  $H$  and  $H'$  and validates  $CH_i$  by matching  $H$  to  $H'$ .

21. (original) The system of claim 18 wherein the network-connected port receives the encrypted resource for storage in the memory.

22. (original) The system of claim 18 wherein the memory is a read only memory (ROM) for accepting and storing privK upon device initialization.

23. (original) The system of claim 18 wherein the first device is a printer; and,

wherein the network-connected port receives a print job in a format selected from the group including text and image formats.

24. (original) The system of claim 23 wherein the memory stores encrypted font resources; and,

wherein the processing unit is a print engine that supplies a job printed using the decrypted fonts.

25. (original) The system of claim 24 wherein the memory stores encrypted font resources selected from the group including a logo, personal signature image, and glyph.

26. (original) The system of claim 21 wherein the network-connected port receives an encrypted resource for storage in a format selected from the group including hypertext transport protocol (http) and file transport protocol (FTP).

27. (currently amended) The system of claim 18 further comprising:

a second device including:



a processor to supply a job;  
a hash unit having an interface to accept the job  
and to supply a hash of the job (H);  
an encryption unit having an interface to accept  
H, to supply  $CK_i$ , the encryption of symmetrical encryption key  $K_i$   
using  $pubK_i$ , and  $CH_i$ , the encryption of H using  $K_i$ ; and,  
a network-connected port for transmitting the job,  $CK_i$ , and  
 $CH_i$  to the first device for job processing.

28-29. canceled

30. (currently amended) The system of claim 18  
further comprising:  
a plurality of devices  $N_i$ , where  $1 \leq i \leq n$ , each receiving the  
unencrypted electronically formatted job at a network-connected port,  
along with  $CK_i$ , where  $CK_i$  is generated by encrypting  $K_i$  using an  
corresponding asymmetrical encryption public key  $pubK[[i]]$  uniquely  
associated with each device; and,  
wherein each device decryption unit decrypts  $CK_i$  using  
corresponding asymmetrical encryption private key  $privK_i$ , to recover  $K_i$ .

31. (currently amended) The method of claim 18  
further comprising:  
a plurality of devices  $N_i$ , where  $1 \leq i \leq n$ , each receiving the  
unencrypted electronically formatted job at a network-connected port,  
along with  $CK_i$ , where  $CK_i$  is generated by encrypting  $K_i$ , uniquely  
associated with each device, using an corresponding asymmetrical

encryption public key  $\text{pubK}[[i]]$ , uniquely associated with each device, and  $\text{CH}_i$ , a hash of the job encrypted using corresponding symmetrical encryption key  $K_i$ ; and,

~~wherein each device includes a decryption unit for decrypting  $\text{CK}_i$  using asymmetrical encryption private key  $\text{privK}_i$ , to recover corresponding symmetrical encryption key  $K_i$ , for the decryption of the encrypted resource.~~

32-33. canceled

34. (currently amended) A system for accessing network-connected processing resources, the system comprising:

a second device including:

a processor to supply an unencrypted job;

a hash unit having an interface to accept the job

and to supply a hash of the job ( $H$ );

an encryption unit having an interface to accept  $H_i$ , to supply  $\text{CK}_i$ , the encryption of symmetrical encryption key  $K_i$ , where  $1 \leq i \leq n$ , using  $\text{pubK}$ , [[and]]  $\text{CH}_i$ , where  $K_i$  through  $K_n$  correspond to encrypted resources  $\text{CR}_i$  through  $\text{CR}_n$ , the encryption of  $H$  using  $K_i$ , and an encrypted resource selection command; and,

a network-connected port for transmitting the job,  $\text{CK}_i$ , and  $\text{CH}_i$  to a first device for job processing.